

Mr. David Schrock
Schrock Aggregate Company, Inc.
P. O. Box 859
Wakarusa, Indiana 46573

Re: 039-12626-05050
First Administrative Amendment to
Part 70 039-8474-05050

Dear Mr. Schrock:

Schrock Aggregate Company, Inc. was issued a Part 70 permit on October 19, 1999 for a portable drum mix asphalt plant. A letter requesting a change was received on August 18, 2000. Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows (changes are bolded and deletions are struck-through for emphasis):

Source Request 1:

The source has requested that Section A.2.(b) on page 5 of 37 of the Part 70, be changed to add natural gas as the primary fuel for the 50 mmBtu/hr aggregate dryer burner, and No.2 fuel oil and waste oil as the secondary fuel.

OAM Response 1:

Adding natural gas as the primary fuel for the 50 mmBtu/hr aggregate dryer burner will not trigger a new applicable requirement or violate a permit term, but rather will result in emission reduction. Therefore Section A.2(b) is changed as follows:

- (b) One (1) **natural gas** ~~No. 2 fuel oil or waste oil~~ fired aggregate dryer burner, with a maximum capacity of 50 million British thermal units per hour (MM Btu/hr), using a baghouse, B1, as control, and exhausting to stack B1. **No. 2 fuel oil or waste oil will be used as secondary fuel.**

This change will also be reflected in the Section D, project description box.

Source Request 2:

On Section D.1.7 Testing Requirements, please clarify the meaning of subsequent cycle time or dates.

OAM Response 2:

Subsequent cycle means, the Part 70 Permit Term which is a fixed term of five (5) years from its effective date. No changes will be made to Condition D.1.6 Testing Requirements.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5.
If you have any questions on this matter, please contact Aida De Guzman, at (800) 451-6027, press 0
and ask for Aida De Guzman or extension (3-4972), or dial (317) 233-4972.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments

APD

cc: File - ElkhartCounty
U.S. EPA, Region V
Elkhart County Health Department
Northern Regional Office
Air Compliance Section Inspector - Paul Karkiewicz
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT

Schrock Aggregate Company, Inc.

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T039-8474-05050	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: October 19, 1999
1 st Administrative Amendment No.: 039-12626-05050	Pages Affected: 5, 28
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a portable parallel flow drum mix asphalt plant.

Responsible Official: David Schrock
Source Address: 24242 CR 40, Goshen, IN 46526
Mailing Address: P.O. Box 859, Wakarusa, IN 46573
Phone Number: (219) 862-1064
SIC Code: 2951
County Location: Elkhart
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
Minor Source, under PSD or Emission Offset Rules;
Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This portable source consists of the following emission units and pollution control devices:

- (a) One (1) drum mixer, identified as E1, with a maximum capacity of 160 tons per hour, using a baghouse, B1, as control, and exhausting to stack B1.
- (b) One (1) natural gas-fired aggregate dryer burner, with a maximum capacity of 50 million British thermal units per hour (MM Btu/hr), using a baghouse, B1, as control, and exhausting to stack B1. No. 2 fuel oil or waste oil will be used as secondary fuel.
- (c) One (1) No. 2 fuel oil fired hot oil heater, with a maximum capacity of 2.2 MM Btu/hr, using no control, and exhausting to stack H2.
- (d) One (1) sand and gravel plant consisting of no more than 5 crushers, 10 screens, and 1 conveying operation, with a maximum annual throughput that of 410,000 tons per year, using wet process or continuous wet suppression "as needed" as control.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This portable source does not currently have any insignificant activities, as defined in 326 IAC 2-7-1 (21) that have applicable requirements.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This portable source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) it is a major source, as defined in 326 IAC 2-7-1(22).,
- (b) it is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (a) One (1) drum mixer, identified as E1, with a maximum capacity of 160 tons per hour, using a baghouse, B1, as control, and exhausting to stack B1.
- (b) One (1) natural gas-fired aggregate dryer burner, with a maximum capacity of 50 million British thermal units per hour (MM Btu/hr), using a baghouse, B1, as control, and exhausting to stack B1. No. 2 fuel oil or waste oil will be used as secondary fuel.
- (c) One (1) No. 2 fuel oil fired hot oil heater, with a maximum capacity of 2.2 MM Btu/hr, using no control, and exhausting to stack H2.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Particulate Matter Limitations [326 IAC 6-1-2(c)(1)(A)]

Pursuant to 326 IAC 6-1-2(c)(1)(A), the particulate matter (PM) content from the portable asphalt concrete plant, constructed after June 11, 1973, shall be limited to 0.03 grain/dry standard cubic foot. This is equivalent to 5.4 lb/hr at a flow rate of 21000 acfm. This condition satisfies the requirement that no owner or operator subject to the provisions of 40 CFR Part 60 (Subpart I) shall discharge or shall cause the discharge into the atmosphere from any affected facility any gases which contain particulate matter in excess of 0.04 gr/dscf.

D.1.2 Sulfur Dioxide Emission Limitations [326 IAC 7-1.1]

Pursuant to 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations), sulfur dioxide (SO₂) emissions from the 50 million BTU/hour aggregate dryer shall be limited to 1.6 pounds per million BTU heat input when combusting waste oil and shall be limited to 0.5 pounds per million BTU heat input when combusting distillate oil.

D.1.3 New Source Performance Standard for Asphalt Concrete Plant [326 IAC 12] [40 CFR 60.90, Subpart I]

- (a) This hot mix asphalt plant is subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60.90, Subpart I), which has the following requirements:
 - (a) on or after the date on which the performance tests are completed, no owner or operator subject to the provisions of Subpart I shall discharge or shall cause the discharge into the atmosphere from any affected facility any gases which:
 - (D) contain particulate matter in excess of 0.04 gr/dscf,
 - (E) exhibit 20 percent or greater opacity.
- (b) This condition satisfies the requirements of 326 IAC 6-3 (Particulate Matter Limitations for Process Operations) and 326 IAC 5-1 (Visible Emissions Limitations).

D.1.4 General Provisions Relating to New Source Performance Standard [326 IAC 12] [40 CFR 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the facility described in this section except when otherwise specified in 40 CFR 60.90, Subpart I.

D.1.5 Miscellaneous Operations: Asphalt Paving [326 IAC 8-5-2]

- (a) Pursuant to 326 IAC 8-5-2 (Miscellaneous Operations: Asphalt Paving), no person shall cause or allow the use of cutback asphalt or asphalt emulsion containing more than seven percent (7%) oil distillate by volume of emulsion for any paving application except:

